

1 CLAIMS

2 I claim:

- 3 1. A system for providing wireless, paperless medical care, comprising a server
4 running software connected to a network which provides connection for
5 communication, including transmitting and receiving information and data
6 electronically with at least one portable computer running software; the server
7 further being connected to clinical equipment for receiving data including test
8 results from the clinical equipment; thereby providing real-time point-of-care
9 laboratory testing, data capture and entry, treatment of patients, and billing.
- 10 2. The system of claim 1 wherein the clinical equipment is integrated with the server
11 via a universal equipment-integrating device.
- 12 3. The system of claim 1 wherein the portable computer software includes at least
13 one template for patient charts.
- 14 4. The system of claim 3, wherein the at least one template includes multiple
15 database fields from patient records.
- 16 5. The system of claim 3, wherein the at least one template includes multiple data
17 charts.
- 18 6. The system of claim 5, wherein the at least one template includes a synoptic view
19 of the multiple data charts.
- 20 7. The system of claim 3, wherein the at least one template is an editable template.
- 21 8. The system of claim 3, wherein the at least one template is a customizable
22 template that helps to build office and hospital notes including discharge
23 summaries.

- 1 9. The system of claim 3, wherein the at least one template includes pull down lists
2 for quick selection for template items insertion into the template.
- 3 10. The system of claim 3, wherein the at least one template is multiple template.
- 4 11. The system of claim 3, wherein the at least one template is a non-formatted open
5 structure template.
- 6 12. The system of claim 3, wherein the at least one template builds a discharge
7 summary.
- 8 13. The system of claim 12, wherein the discharge summary is built from the daily
9 summaries.
- 10 14. The system of claim 3, wherein the at least one template includes automatic
11 integration of electronic medical records and pass through billing with code
12 linking.
- 13 15. The system of claim 3, wherein the at least one template includes automatic
14 importing of data from other components of the system.
- 15 16. The system of claim 1, wherein the portable computer includes a touch screen.
- 16 17. The system of claim 1, wherein the server is connected to a local area network.
- 17 18. The system of claim 1, wherein the server is connected to a wide area network.
- 18 19. The system of claim 1, wherein the server is connected to a local area network
19 and wide area network
- 20 20. The system of claim 1, wherein the server is a mission critical file server
- 21 21. The system of claim 1, wherein the server software provides security.
- 22 22. The system of claim 21, wherein the security includes data encryption.
- 23 23. The system of claim 22, wherein the encryption requires login for de-encryption.

- 1 24. The system of claim 21, wherein the security is biometric security.
- 2 25. The system of claim 21, wherein the security limits access to information input
3 and output.
- 4 26. The system of claim 21, wherein the access to information input and output
5 requires login.
- 6 27. The system of claim 1, wherein the server software provides at least one
7 formulary.
- 8 28. The system of claim 27, wherein the at least one formulary is a drop down
9 formulary.
- 10 29. The system of claim 1, wherein the server software provides diagnosis code lists.
- 11 30. The system of claim 1, wherein the server software provides aid with formulating
12 and assessment and treatment plan.
- 13 31. The system of claim 1, wherein the server software provides insurance
14 processing.
- 15 32. The system of claim 31, wherein the insurance processing includes pass-through-
16 billing.
- 17 33. The system of claim 31, wherein the insurance processing includes billing
18 prioritization.
- 19 34. The system of claim 34, wherein the insurance processing includes pass-through-
20 prescribing.
- 21 35. The system of claim 34, wherein the insurance processing includes claims codes.

1 36. The system of claim 1, wherein the clinical equipment provides functions selected
2 from the group consisting of testing, analysis, scanning, communication with
3 patient, and combinations thereof.

4 37. The system of claim 1, wherein the clinical equipment provides functions selected
5 from the group consisting of assessment, plan, and combinations thereof.

6 38. The system of claim 1, wherein the clinical equipment generates result codes that
7 are cross-linked by the server software with codes selected from the group
8 consisting of diagnosis codes, laboratory codes, billing codes, and combinations
9 thereof.

10 39. A template for entering and viewing electronic medical records, comprising:
11 a fast load time;
12 a capture of HCFA format;
13 an automatic importing of demographic information into corresponding
14 fields within the template;
15 a review of systems template;
16 quick addition of subtemplates into a note field within the template;
17 use of a diagnosis list in conjunction with the past medical history for a
18 given patient's electronic medical records;
19 a list of medications;
20 a list of patient vital signs and laboratory values that are electronically
21 stored within the patient's electronic medical records;
22 a pass through billing with automatic code linking;
23 a within-the-note diagnosis and a diagnosis ranking

1 a recording of above diagnosis;
2 a recording of medication changes;
3 a recording of durable medical equipment and x-ray orders;
4 cut and paste features;
5 a discharge feature for assisting with creating a hospital discharge
6 summary;
7 an interface with a universal equipment-integrating device for linking for
8 electronic communication with other office equipment and clinical testing
9 equipment, wherein all the features are viewable on a computer screen.

10 40. The template of claim 39, wherein the demographic information includes the
11 patient's name, age, sex, employment, allergies, race, and combinations thereof.

12 41. A method for using a system for providing wireless, paperless medical care to a
13 patient with real-time point-of-care testing , comprising the steps of :

14 providing a primary patient triage that includes initial encounter, which
15 provides initial encounter information that is entered into the patient's
16 electronic medical records, which are stored on a server and accessible via at
17 least one remote computer;
18 providing a secondary triage that produces secondary encounter information
19 that is entered into the patient's electronic medical records;
20 providing a clinical encounter with at least one medical care provider that
21 produces clinical encounter information, including clinical equipment test
22 results, which is entered into the patient's electronic medical records;

- 1 providing interpretation and management of the patient's electronic medical
- 2 records;
- 3 providing treatment plan formulation that is entered into the patient's
- 4 electronic medical records;
- 5 and providing pass-through billing and insurance processing using the electronic medical
- 6 records and the system, thereby providing real-time point-of-care laboratory testing, data
- 7 capture and entry, treatment of patients, and billing.